

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	9657	packaging adj film	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/30 08:59
S2	2142	oxygen adj transmission	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:03
S3	2529	gas adj transmission	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:00
S4	0	single adj walled adj caron adj nanotube	USPAT; DERWENT	OR	ON	2005/03/10 16:01
S5	0	single adj walled adj caron adj nanotube	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:01
S6	519	(single-walled) adj carbon adj nanotube	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:02
S7	98	swnt adj (material or fiber or resin or filler)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:07
S8	60	fullerene adj pipe	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:02
S9	3	carbon adj single adj tube	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:03
S10	6865	vapor adj transmission	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:03
S11	943	water adj transmission	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:03
S12	24	((non-ionizing) (non adj ionizing) ionizing) adj radition	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:04

S13	21701	((non-ionizing) (non adj ionizing) ionizing) adj radiation	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:04
S14	21707	S12 S13	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:04
S15	24	S1 same increase\$ same (S2 S3 S10 S11)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:18
S16	14	S1 same increase\$ same (S2 S3)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:17
S17	0	S16 and (S6 S7 S8 S9)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:06
S18	0	S16 and S14	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:05
S19	0	S15 and S14	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:05
S20	0	S15 and (S6 S7 S8 S9)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:06
S21	1	S1 and (S6 S7 S8 S9)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:06
S22	0	("2005/0038225").URPN.	USPAT	OR	ON	2005/03/10 16:06
S23	0	S1 and (S6 S8 S9)	USPAT; DERWENT	OR	ON	2005/03/10 16:19
S24	1	(S3 S2) and (S6 S8 S9)	USPAT; DERWENT	OR	ON	2005/03/10 16:08

S25	27	("2971939"   "3404061"   "4184988"   "4795482"   "4810734"   "4904457"   "4945005"   "4946896"   "4950541"   "4952748"   "5098684"   "5650468"   "5677068"   "5883188"   "5910523"   "5939184"   "5971869"   "5972520"   "6207761"   "6228903"   "6403721"   "6447860"   "6451897"   "6462122"   "6517800").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/10 16:09
S26	2	("6756446").PN.	USPAT; DERWENT	OR	OFF	2005/03/10 16:14
S27	10	((("6691468") or ("5686126") or ("5779050") or ("5919547") or ("6032800")).PN.	USPAT; DERWENT	OR	OFF	2005/03/10 16:15
S28	14440	(laminate or (multi adj layered) or multilayered) adj film	USPAT; DERWENT	OR	ON	2005/03/10 16:24
S29	2	S28 and (S6 S8 S9)	USPAT; DERWENT	OR	ON	2005/03/10 16:15
S30	0	S1 and S29	USPAT; DERWENT	OR	ON	2005/03/10 16:16
S31	0	S29 and (S2 S3 S10 S11)	USPAT; DERWENT	OR	ON	2005/03/10 16:16
S32	733	(barrier adj film) and (S2 S3 S10 S11)	USPAT; DERWENT	OR	ON	2005/03/10 16:20
S33	180	S32 and radiation	USPAT; DERWENT	OR	ON	2005/03/10 16:16
S34	0	S33 and (S6 S8 S9)	USPAT; DERWENT	OR	ON	2005/03/10 16:16
S35	0	S33 and nanotube	USPAT; DERWENT	OR	ON	2005/03/10 16:17
S36	0	S33 and nanoparticle	USPAT; DERWENT	OR	ON	2005/03/10 16:17
S37	4	S28 same increase\$ same (S2 S3)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:18
S38	0	S37 and (S6 S8 S9)	USPAT; DERWENT	OR	ON	2005/03/10 16:18
S39	27	S33 and ( increase\$ same (S2 S3 S10 S11))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:19
S40	0	S39 and (S6 S8 S9)	USPAT; DERWENT	OR	ON	2005/03/10 16:19

S41	0	S1 and (S6 S8 S9)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:19
S42	0	(barrier adj film) and (S6 S8 S9)	USPAT; DERWENT	OR	ON	2005/03/10 16:20
S43	179	graphene	USPAT; DERWENT	OR	ON	2005/03/10 16:21
S44	0	S43 and S1	USPAT; DERWENT	OR	ON	2005/03/10 16:20
S45	0	nanosturctured adj (resin material filler fiber)	USPAT; DERWENT	OR	ON	2005/03/10 16:23
S46	0	(nano adj sturctured) adj (resin material filler fiber)	USPAT; DERWENT	OR	ON	2005/03/10 16:23
S47	22	nano-structured adj (resin material filler fiber)	USPAT; DERWENT	OR	ON	2005/03/10 16:23
S48	378	nanostructured adj (resin material filler fiber)	USPAT; DERWENT	OR	ON	2005/03/10 16:23
S49	22	(nano-structured) adj (resin material filler fiber)	USPAT; DERWENT	OR	ON	2005/03/10 16:23
S50	397	S48 S49	USPAT; DERWENT	OR	ON	2005/03/10 16:24
S51	0	S50 and S1	USPAT; DERWENT	OR	ON	2005/03/10 16:24
S52	6	S50 and S28	USPAT; DERWENT	OR	ON	2005/03/10 16:24
S53	1	S52 and radiation	USPAT; DERWENT	OR	ON	2005/03/10 16:25
S54	18411	(laminate or (multi adj layered) or multilayered) adj film	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/10 16:24
S55	6	S50 and S54	USPAT; DERWENT	OR	ON	2005/03/10 16:25
S56	1	S55 and radiation	USPAT; DERWENT	OR	ON	2005/03/10 16:25
S57	2	("6689438").PN.	USPAT; DERWENT	OR	OFF	2005/03/11 10:30
S58	115	(252/62.3bt).CCLS.	USPAT; DERWENT	OR	OFF	2005/03/11 10:31
S59	78	(252/62.3c).CCLS.	USPAT; DERWENT	OR	OFF	2005/03/11 10:31
S60	10	(S58 S59 S57) and radiation	USPAT; DERWENT	OR	ON	2005/03/11 10:39
S61	8	((("5211875") or ("5911910") or ("5904960") or ("6233907"))).PN.	USPAT; DERWENT	OR	OFF	2005/03/11 10:34

S62	27	(increas\$ near gas near transmission)	USPAT; DERWENT	OR	ON	2005/03/11 10:44
S63	5	S62 and radiation	USPAT; DERWENT	OR	ON	2005/03/11 11:04
S64	3	carbon adj single adj tube	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 10:39
S65	60	fullerene adj pipe	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 10:39
S66	519	(single-walled) adj carbon adj nanotube	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 10:39
S67	0	S63 and (S64 S65 S66)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 10:39
S68	31	("4975469").URPN.	USPAT	OR	ON	2005/03/11 10:41
S69	2	("4105737").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/03/11 10:41
S70	13	("4105737").URPN.	USPAT	OR	ON	2005/03/11 10:42
S71	54	(264/414).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/03/11 10:43
S72	0	S71 and (S64 S65 S66)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 10:43
S73	0	S62 and (S64 S65 S66)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 10:43
S74	345	film and (S64 S65 S66)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 10:43
S75	1	(gas near transmission) and S74	USPAT; DERWENT	OR	ON	2005/03/11 10:56

S76	27	("2971939"   "3404061"   "4184988"   "4795482"   "4810734"   "4904457"   "4945005"   "4946896"   "4950541"   "4952748"   "5098684"   "5650468"   "5677068"   "5883188"   "5910523"   "5939184"   "5971869"   "5972520"   "6207761"   "6228903"   "6403721"   "6447860"   "6451897"   "6462122"   "6517800").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/11 10:53
S77	1070	carbonaceous near (nanomaterial nanoparticle nanocomposite nanotube fiber)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 10:54
S78	5	S77 and S74	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 10:56
S79	357	(524/543).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/03/11 10:56
S80	0	S79 and S76	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 10:56
S81	1	(gas near transmission) and S77	USPAT; DERWENT	OR	ON	2005/03/11 11:08
S82	1	(gas adj permeability) and S76	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:06
S83	0	S82 and radiation	USPAT; DERWENT	OR	ON	2005/03/11 11:05
S84	37	("5328975"   "5352493"   "5385776"   "5401587"   "5514734"   "5552469"   "5554670"   "5556678"   "5573783"   "5578672"   "5604038"   "5705222"   "5716709"   "5733644"   "5747560"   "5760106"   "5763101"   "5795648"   "5801216"   "5807629"   "5837763"   "5844032"   "5858457"   "5866645"   "5876812"   "5877248"   "5880197"   "5883173"   "5910523"   "5916685"   "5952095"   "5958514"   "5962553"   "5972448"   "6117541"   "6203923"   "6217962").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/11 11:04

S85	37	("5328975"   "5352493"   "5385776"   "5401587"   "5514734"   "5552469"   "5554670"   "5556678"   "5573783"   "5578672"   "5604038"   "5705222"   "5716709"   "5733644"   "5747560"   "5760106"   "5763101"   "5795648"   "5801216"   "5807629"   "5837763"   "5844032"   "5858457"   "5866645"   "5876812"   "5877248"   "5880197"   "5883173"   "5910523"   "5916685"   "5952095"   "5958514"   "5962553"   "5972448"   "6117541"   "6203923"   "6217962").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/11 11:05
S86	9	S85 and radiation	USPAT; DERWENT	OR	ON	2005/03/11 11:07
S87	37	(gas adj permeability) and S77	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:07
S88	0	S87 and radiation	USPAT; DERWENT	OR	ON	2005/03/11 11:09
S89	1	(gas near transmis\$) and S77	USPAT; DERWENT	OR	ON	2005/03/11 11:19
S90	0	S62 and S77	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:09
S91	9657	packaging adj film	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:09
S92	11413	packag\$ adj film	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:09
S93	2	S92 and S77	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:09
S94	2	S91 and S77	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:09
S95	2	S93 S94	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:10
S96	0	S95 and radiation	USPAT; DERWENT	OR	ON	2005/03/11 11:09

S97	11413	S91 S92	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:10
S98	1	S97 and S62	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:12
S99	0	S98 and S77	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:10
S10 0	0	S98 and radiation	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:10
S10 1	0	(oxygen adj 1barrier adj (polymer or material or resin or copolymer or oligomer))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:13
S10 2	775	(oxygen adj barrier adj (polymer or material or resin or copolymer or oligomer))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:13
S10 3	0	S102 and S77	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:13
S10 4	0	S102 and (S64 S65 S66)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:13
S10 5	144	S102 and (S97)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:13
S10 6	0	S105 and S77	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:14
S10 7	56	S105 and radiation	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:14
S10 8	0	S107 and (S64 S65 S66)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:15



S10 9	55	("20020025490" "20020040900" "20020122765" "20020135105" "20020150678" "20020197923" "20030008123" "20030100654" "4335935" "4871559" "5110530" "5753088" "6063243" "6071626" "6184280" "6188043" "6265466" "6331209" "6333016" "6413487" "6426134" "6427419" "6449923" "6451175" "6455021" "6517800" "6541744").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:18
S11 0	9	S109 and S97	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:18
S11 1	4	S110 and radiation	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:20
S11 2	0	(gas near transmis\$) and S111	USPAT; DERWENT	OR	ON	2005/03/11 11:19
S11 3	0	S111 and (S64 S65 S66 S77)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/03/11 11:20
S11 4	1	(US-5677068-\$).did.	USPAT	ADJ	OFF	2005/04/01 19:42
S11 5	555	(single-walled) adj carbon adj nanotube	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/04/01 19:42
S11 6	4	(US-5677068-\$ or US-6228903-\$ or US-6447860-\$ or US-6861481-\$).did.	USPAT	ADJ	OFF	2005/04/01 19:42
S11 7	1	S115 AND S116	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/01 19:57
S11 8	161	S115 AND RADIATION	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/01 19:57
S11 9	103	S118 AND FILMS	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/01 19:57
S12 0	0	S118 AND (GAS ADJ TRANSMISSION ADJ RATE)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/01 19:57

S12 1	3	S118 AND (TRANSMISSION ADJ RATE)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/01 19:57
S12 2	55	("20020025490" "20020040900" "2 0020122765" "20020135105" "2002 0150678" "20020197923" "2003000 8123" "20030100654" "4335935" "4 871559" "5110530" "5753088" "606 3243" "6071626" "6184280" "61880 43" "6265466" "6331209" "6333016 " "6413487" "6426134" "6427419" " "6449923" "6451175" "6455021" "6 517800" "6541744").PN.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 08:56
S12 3	556	(single-walled) adj carbon adj nanotube	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/04/03 09:15
S12 4	5385	carbon adj nanotube	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/04/03 09:15
S12 5	6429	nanotube	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/04/03 09:15
S12 6	556	S123	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/04/03 09:15
S12 7	6429	S123 S124 S125	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/04/03 09:15
S12 8	31	S122 and S127	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/04/03 09:15
S12 9	9706	packaging adj film	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/04/03 09:16
S13 0	1	S128 and S129	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 09:35
S13 1	1	426\$.ccls. and S127	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 09:59

S13 2	13	206\$.ccls. and S127	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 09:38
S13 3	398	206\$.ccls. and S129	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 09:38
S13 4	0	S133 and S132	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 09:39
S13 5	0	S133 and S127	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 09:39
S13 6	64	S133 and radiation	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 09:39
S13 7	0	S136 and S127	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 09:39
S13 8	0	426/127.ccls. and S127	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 10:00
S13 9	149	426/127.ccls. and S129	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 10:00
S14 0	100	426/127.ccls. and radiation	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 10:00
S14 1	0	S140 and S127	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 09:59
S14 2	0	426/118.ccls. and S127	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 10:00
S14 3	24	426/118.ccls. and radiation	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 10:00

S14 4	0	S143 and S127	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 10:00
S14 5	273	426/107.ccls. and radiation	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 10:00
S14 6	11	S145 and S129	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 10:00
S14 7	0	S146 and S127	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/04/03 10:00
S14 8	2	("6451927").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/04/04 10:27
S14 9	5	grah.inv. and nanotube and (radiation or ionizing or irradiation or energy or ultraviolet or (ultra adj violet) or (gamma) or (electron adj beam))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/30 09:08
S15 0	2	havens.inv. and nanotube and (radiation or ionizing or irradiation or energy or ultraviolet or (ultra adj violet) or (gamma) or (electron adj beam))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/30 09:08